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## Product Datasheet

### Anti-H<sup>+</sup>ATPase | Plasma membrane H<sup>+</sup>ATPase (rabbit antibody), ALP-conjugated (), Rabbit, Polyclonal AGR-AS07-260-ALP

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| Article Name               | Anti-H <sup>+</sup> ATPase   Plasma membrane H <sup>+</sup> ATPase (rabbit antibody), ALP-conjugated (), Rabbit, Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Biozol Catalog Number      | AGR-AS07-260-ALP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | AS07-260-ALP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alternative Catalog Number | AGR-AS07-260-ALP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer               | Agrisera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                       | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Category                   | Antikörper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Application                | IL, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species Reactivity         | A. thaliana, Plant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                  | KLH-conjugated synthetic peptide, derived from available di and monocot, fern, mosses and algal plasma membrane ATPase sequences including Arabidopsis thaliana ATPase 1 (UniProt: P20649, TAIR: At2g18960) and ATPase 2 (UniProt: P19456, TAIR: At4g30190), 3 (UniProt: P20431, TAIR: At5g57350), 4 (UniProt: Q9SU58, TAIR: At3g47950), 6 (UniProt: Q9SH76, TAIR: At2g07560), 7 (UniProt: Q9LY32, TAIR: At3g60330), 8 (UniProt: Q9M2A0, TAIR: At3g42640), 9 (UniProt: Q42556, TAIR: At1g80660), 11 (UniProt: Q9LV11, TAIR: At5g62670) of Arabidopsis thaliana and hydrogen ATPase of Chlamydomonas reinhardtii (Q9FNS3) |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Molecular Weight           | 90- 95 kDa (Arabidopsis thaliana, depending upon an isoform)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| NCBI               | <a href="#">816413</a>                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt            | <a href="#">P20649</a>                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity             | Antigen affinity purified serum in PBS pH 7.4, conjugated to ALP.                                                                                                                                                                                                                                                                                                                                                                |
| Form               | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Dilute | 1 : 100 (IL), 1 : 1000-1 : 5000 (WB)                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes  | <p>VERY IMPORTANT: Please, do not heat up your samples above 70C as this may cause H<sup>+</sup>ATPase to precipitate, and there will be no signal on your Western Blot. Before SDS-PAGE, centrifuge your samples at room temperature at 10 000 rpm/1 min to remove any aggregates. H<sup>+</sup>ATPase will be less abundant in mature roots and leafs, and therefore detection may require use of very sensitive reagents.</p> |